

ABSTRACT OF THE DISCLOSURE

A baseband signal multiplexing circuit for controlling an amplitude level of a baseband signal to be transmitted on the basis of the number of transmission codes is disclosed. Gain setting means calculates a gain set value with which an amplitude value of the baseband signal outputted from level adjusting means is adjusted to an amplitude value matching a dynamic range of D/A converting means based on transmission code number information transmitted from a signal processor, and notifies the level adjusting means of the gain set value with a control signal. The level adjusting means controls the amplitude level of the baseband signal to be transmitted with the control signal. Therefore, it is possible to effectively utilize the dynamic range of the D/A converting means independently of the number of transmission codes.